

ABSTRACT OF THE DISCLOSURE

An access port having a marking located on the port stem to aid the physician in placing the catheter correctly onto the port stem, wherein a fluid channel is provided to allow liquid from the inner lumen of the catheter to flow into the chamber located inside the access port. In one variation, the marking indicates to the physician the proper distance to advance the port stem into the catheter for optimal connection. A catheter lock or other locking sleeves may be placed over the catheter and port stem connection to secure the catheter on the port stem. Since the preferred location for the placement of catheter may differ depending on the design of the port stem, such a marker may facilitate the placement of the catheter and avoid problems associated with physicians placing the catheter incorrectly, which could potentially result in *in vivo* leakage from the catheter.